

refcon



AUTHORIZED DISTRIBUTOR
REFCO ENGINEERING (PVT) LTD

ISO 9001:2008
CERTIFIED FACTORY



Wall Mounted Split Air Conditioner



Ionizer
(Optional)



Auto
Random
Restart



Hydrophilic
Fins
Evaporator



Easy
Maintenance &
Service



Wireless
Remote
Control



Auto
Diagnosis
System



Thermal
Overload
Protector



Easy
Installation

Model	Indoor Unit	Cooling	RFI-102EA	RFI-132EA	RFI-182EA	RFI-242EA	RFI-302DA
	Outdoor Unit	Cooling	RFO-102BA	RFO-132BA	RFO-182AA	RFO-242AA	RFO-302AA
	Indoor Unit	Heatpump	RFI-H102EA	RFI-H132EA	RFI-H182EA	RFI-H242EA	RFI-H302DA
	Outdoor Unit	Heatpump	RFO-H102BA	RFO-H132BA	RFO-H182AA	RFO-H242AA	RFO-H302AA
Power Sources		V / Hz	208-230 / 1 / 50Hz				
Cooling	Capacity	Btu/h	9,000	12,000	18,000	24,000	30,000
	Input Power	W	920	1,230	1,895	2,445	3,350
	Input Current	A	4.1	5.6	8.6	11.5	15.4
Heating	Capacity	Btu/h	9,300	12,300	18,500	25,000	32,000
	Input Power	W	850	1,120	2,030	2,150	3,300
	Input Current	A	3.8	5.6	9.5	10.5	15.2
Connecting Pipe Size	Liquid	Inch (mm)	1/4" (6.35)			3/8" (9.52)	
	Gas	Inch (mm)	3/8" (9.52)	1/2" (12.7)		5/8" (15.9)	
Air Filter System	Type	WASHABLE SARAN NET					
Control System	Refrigerant / Flow Control	Type	R-22 / OUTDOOR CAPILLARY TUBE				
	Operating Control	Type	WIRELESS REMOTE CONTROLLER				
Indoor Unit	Air Flow	CFM/CMH	280/480	294/500	500/850	599/950	750/1300
	Noise Level	dB(A) ± 3	35 ± 3	36 ± 3	39 ± 3	41 ± 3	48 ± 3
	Net Dimensions (W × H × D)	mm ± 5	790 × 270 × 193		1020 × 320 × 215		1250 × 325 × 257
	Packaging Dimensions (W × H × D)	mm ± 5	875 × 355 × 285		1120 × 410 × 322		1320 × 380 × 330
	Net Weight	KG ± 0.5	9		14		17
	Gross Weight	KG ± 0.5	11		17		22
	Outdoor Unit	Noise Level	dB(A) ± 3	49 ± 3	52 ± 3	54 ± 3	56 ± 3
Net Dimensions (W × H × D)		mm ± 5	675 × 450 × 260	805 × 560 × 260	775 × 590 × 270	860 × 700 × 320	885 × 870 × 300
Packaging Dimensions (W × H × D)		mm ± 5	785 × 515 × 360	885 × 610 × 360	905 × 645 × 365	1110 × 770 × 425	945 × 930 × 430
Net Weight		KG ± 0.5	25	32	38	53	65
Gross Weight		KG ± 0.5	28	36	43	59	70
Optional Feature (Ionizer)			Yes				
Container Loading Quantity (Sets)	20' GP		115	93	75	56	47
	40' GP		235	190	158	115	95
	40' HQ		280	228	180	130	110

SPECIFICATION

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- Performance of the unit varies according to the type of compressor used.
- Nominal cooling & heating capacity are based on the following condition.

Cooling : 27°C DB / 19°C WB (indoor)
: 35°C DB / 24°C WB (outdoor)

Heating : 21°C DB / -°C WB (indoor)
: 7°C DB / 6°C WB (outdoor)



RFI-302DA

ISO 9001:2008
CERTIFIED FACTORY



MADE IN
MALAYSIA

AUTHORIZED DISTRIBUTOR :

REFCO ENGINEERING (PVT) LTD

Wall Mounted Split Type DC Inverter R410a



SPECIFICATION

Cooling Only Model	Indoor	RFWMIV-102EA	RFWMIV-132EA	RFWMIV-182EA	RFWMIV-242EA	
Heat Pump Model (Cooling/Heating)	Outdoor	RFOV-102BA	RFOV-132BA	RFOV-182BA	RFOV-242BA	
Power supply	Ph-V-Hz	1Ph, 220-240V~ 50Hz				
Cooling	Capacity	Btu/h	9000(2050~11800)	12000(4000~13200)	18000(5200~19000)	24000(12000~25000)
	Input	W	820(230~1120)	1090(350~1220)	1650(380~2300)	2200(820~2500)
	Rated current	A	3.55(1.0~4.7)	5.0(1.5~5.0)	7.0(1.8~10.2)	10.0(3.6~11.2)
	EER	W/W	3.21	3.23	3.19	3.2
Heating	Capacity	Btu/h	10000(3200~13800)	13000(4100~15100)	17500(5300~23000)	25000(11000~27000)
	Input	W	810(230~1010)	1050(350~1150)	1420(350~2000)	2030(800~2700)
	Rated current	A	3.6(1.0~4.2)	4.6(1.5~4.8)	6.2(1.6~9.0)	9.1(3.5~12.0)
	COP	W/W	3.62	3.63	3.61	3.61
Max. input consumption	W	1650	1850	2550	2950	
Max. current	A	7.5	8.5	11.5	13.5	
Indoor air flow (Hi/Mi/Lo)	m ³ /h	600/490/440	600/530/440	1100/1000/830	1100/1000/830	
Indoor noise level (Hi/Mi/Lo)	dB(A)	36/31/29	39/34/31	47/44/39	48/44/39	
Indoor unit	Dimension(W*D*H)	mm	770x188x255	770x188x255	1030x218x315	1030x218x315
	Packing (W*D*H)	mm	835x265x330	835x265x330	1115x395x360	1115x395x360
	Net/Gross weight	Kg	7.5 / 9.5	9 / 11	11.5 / 14.5	13/17
	Outdoor noise level	dB(A)	54	54	55	55
Outdoor unit	Dimension(W*D*H)	mm	700x240x540	780x250x540	760x285x590	900x315x860
	Packing (W*D*H)	mm	815x325x580	910x335x585	887x355x645	1043x395x915
	Net/Gross weight	Kg	26.5 / 28.5	29 / 31	39.5/41	49.5/52.5
	Refrigerant type	g	R410A/640g	R410A/980g	R410A/1150g	R410A/1950g
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ12.7(1/4"/1/2")	Φ9.52/Φ16.0(3/8"/5/8")
	Max. refrigerant pipe length	m	20	20	25	25
	Max. difference in level	m	8	8	10	10
Qty/per 20' /40' /40'HQ			148/307/340	138/286/307	88/180/214	68/138/165



SPECIFICATIONS

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- Performance of the unit varies according to the type of compressor used.
- Nominal cooling and heating capacities are based on the following conditions:
Cooling: 27°C DB / 19°C WB Indoors
35°C DB / 24°C WB Outdoors
Heating: 20°C DB / 15°C WB Indoors
7°C DB / 6°C WB Outdoors

ISO 9001:2008 CERTIFIED FACTORY

AUTHORIZED DISTRIBUTOR :
REFCO ENGINEERING (PVT) LTD

Cassette Split Type Air-conditioner



MODEL	Cooling Only	INDOOR	RFCKI-12EA	RFCKI-18EA	RFCKI-24EA	RFCKI-30EA	RFCKI-40EA	RFCKI-50EA	RFCKI-60EA	
		OUTDOOR	RFO-12AA	RFO-18AA	RFO-24AA	RFO-30AA	RFO-40AA	RFO-50AA	RFO-60AA	
		Heatpump	INDOOR							
Cooling	Capacity	Btu/h	12,000	18,000	24,000	30,000	40,000	50,000	60,000	
	Input Power	W	1,230	1,895	2,445	3,350	4,000	4,720	5,750	
	Input Current	A	5.6	8.6	12.5	15.4	7.2	8.1	9.6	
Heating	Capacity	Btu/h	12,400	18,500	25,000	32,000	42,000	51,000	61,000	
	Input Power	W	1,120	1,950	2,150	3,150	3,800	4,570	6,000	
	Input Current	A	5.6	9.5	10.5	14.4	7.0	7.9	13.0	
Control System	Refrigerant / Flow Control	Type	R-22 / Outdoor Capillary Tube				R-22 / Indoor Accurator (Cooling Model) R-22 / Outdoor Capillary Tube (Heatpump Model)			
	Operating Control	Type	Wireless Remote Controller / Wired Controller (optional)							
Connecting Pipe Size	Liquid	inch (mm)	1/4" (6.35)			3/8" (9.52)				
	Gas	inch (mm)	1/2" (12.7)		5/8" (15.9)		3/4" (19.05)			
Air Filter System	Type	Washable Saran Net								
Indoor Unit	Power Sources	V / /Hz	220-240V / 1 / 50Hz						380-415V / 3 / 50Hz	
	Air Flow	CFM/CMH	380/650	600/1020	710/1220	940/1600	970/1650		1076/1830	
	Noise Level	dB(A) ± 3	40 ± 3	42 ± 3	44 ± 3	47 ± 3	49 ± 3		50 ± 3	
	Body Net Dimensions (W x D x H)	mm ± 5	570x570x260	840x840x230			840x840x300			
	Panel Net Dimensions (W x D x H)	mm ± 5	647x647x50	950x950x55						
	Body (Net Weight / Gross Weight)	KG ± 0.5	16/19	24/28	24/30	30/34	30/36		32/38	
	Panel (Net Weight / Gross Weight)	KG ± 0.5	2.5/4.5	58/60						
	Packing Dimensions (W x D x H)	Body	mm ± 5	655x655x290	900x900x250			900x900x320		
		Panel	mm ± 5	715x715x123	1035x1035x90					
	Outdoor Unit	Power Sources	V / /Hz	220-240V / 1 / 50Hz				380-415V / 3 / 50Hz		
Noise Level		dB(A) ± 3	52 ± 3	54 ± 3	56 ± 3	61 ± 3	65 ± 3			
Net Dimensions (W x D x H)		mm ± 5	805x560x260	775x590x270	860x700x320	885x870x300	1000x1000x350		970x1230x350	
Packing Dimensions (W x D x H)		mm ± 5	910x620x340	905x645x365	1010x770x425	945x930x430	1150x1110x480		1065x1390x475	
NET WEIGHT		KG ± 0.5	32	38	53	65	89	89	116	
GROSS WEIGHT		KG ± 0.5	36	43	59	70	101	101	123	
Container Loading Quantity (Sets)	20' GP		72	52	43	37	28	28	24	
	40' GP		155	115	90	79	60	60	50	
	40' HQ		178	125	105	85	68	68	50	

SPECIFICATION

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- Nominal cooling & heating capacity are based on the following condition.

Cooling : 27°C DB / 19°C WB (indoor)
: 35°C DB / 24°C WB (outdoor) **Heating** : 21°C DB / -°C WB (indoor)
: 7°C DB / 6°C WB (outdoor)

ISO 9001:2008 CERTIFIED FACTORY

AUTHORIZED DISTRIBUTOR :
REFCO ENGINEERING (PVT) LTD

Ceiling & FloorSplit Type Air-conditioner



MODEL	Cooling Only	INDOOR	RFCMI-18EA	RFCMI-24EA	RFCMI-30EA	RFCMI-40EA	RFCMI-50EA	RFCMI-60EA
		OUTDOOR	RFO-18AA	RFO-24AA	RFO-30AA	RFO-40AA	RFO-50AA	RFO-60AA
	Heat Pump	INDOOR						
		OUTDOOR						
Cooling	Capacity	Btu/h	18,000	24,000	30,000	40,000	50,000	60,000
	Input Power	W	1,895	2,445	3,350	4,000	4,720	5,750
	Input Current	A	8.6	12.5	15.4	7.2	8.1	9.6
Heating	Capacity	Btu/h	18,500	25,000	32,000	42,000	51,000	61,000
	Input Power	W	1,950	2,150	3,150	3,800	4,570	6,000
	Input Current	A	9.5	11.5	14.2	7.0	7.9	13.0
Control System	Refrigerant / Flow Control	Type	R-22 / Outdoor Capillary Tube			R-22 / Indoor Accurator (Cooling Model) R-22 / Outdoor Capillary Tube (Heatpump Model)		
	Operating Control	Type	Wireless Remote Controller / Wired Controller (optional)					
Connecting Pipe Size	Liquid	inch (mm)	1/4" (6.35)		3/8" (9.52)			
	Gas	inch (mm)	1/2" (12.7)	5/8" (15.9)		3/4" (19.05)		
Air Filter System	Type	Washable Saran Net						
Indoor Unit	Power Sources	V / /Hz	220-240V / 1 / 50Hz					
	Air Flow	CFM/CMH	550/935	700/1190	950/1615	1300/2210		1500/2550
	Noise Level	dB(A) ± 3	43 ± 3	45 ± 3	45 ± 3	47 ± 3		47 ± 3
	Body Net Dimensions (W × H × D)	mm ± 5	990x206x660		1260x206x660		1670x244x680	
	Packing Dimensions (W × H × D)	mm ± 5	1089x296x744		1379x296x744		1764x330x760	
	Net Weight / Gross Weight	KG ± 0.5	30/37		34/42		52/62	
	Outdoor Unit	Power Sources	V / /Hz	220-240V / 1 / 50Hz			380-415V / 3 / 50Hz	
Outdoor Unit	Noise Level	dB(A) ± 3	54 ± 3	56 ± 3	61 ± 3	65 ± 3		
	Net Dimensions (W × H × D)	mm ± 5	775x590x270	860x700x320	885x870x300	1000x1000x350		970x1230x350
	Packing Dimensions (W × H × D)	mm ± 5	905x645x365	1010x770x425	945x930x430	1150x1110x480		1065x1390x475
	Net Weight / Gross Weight	KG ± 0.5	38/43	53/59	65/70	89/101	89/101	116/123
Container Loading Quantity (Sets)	20' GP		52	43	37	28	28	24
	40' GP		115	90	79	60	60	50
	40' HQ		125	105	85	68	68	50

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- Nominal cooling & heating capacity are based on the following condition.

Cooling : 27°C DB / 19°C WB (indoor)
: 35°C DB / 24°C WB (outdoor)

Heating : 21°C DB / -°C WB (indoor)
: 7°C DB / 6°C WB (outdoor)



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MADE IN
MALAYSIA

AUTHORIZED DISTRIBUTOR :
REFCO ENGINEERING (PVT) LTD

Floor Standing Split Type Air-conditioner



Model	Indoor	RFFSI-18EA	RFFSI-24EA	RFFSI-30EA	RFFSI-50EA	
		Outdoor	RFO-18AA	RFO-24AA	RFO-30AA	RFO-50AA
Cooling Model	Capacity	Btu/h	18,000	24,000	30,000	50,000
	Input Power	W	1895	2445	3,350	4,720
	Input Current	A	8.6	12.5	15.4	8.1
	Refrigerant / Flow Control	Type	R-22 / Outdoor Capillary Tube			R-22 / Indoor Accurator
Control System	Operating Control	Type	Wireless Remote Controller / Soft Touch Panel			
Connecting Pipe Size	Liquid	Inch (mm)	1/4" (6.35)	3/8" (9.52)		
	Gas	Inch (mm)	1/2" (12.7)	5/8" (15.9)	3/4" (19.05)"	
Air Filter System	Type	Washable Saran Net				
Indoor Unit	Power Sources	V / Φ /Hz	220-240V / 1Φ / 50Hz			
	Air Flow	CFM / CMH	500/850	680/1150		1180/2000
	Noise Level	dB(A) ± 3	45	47		
	Net Dimensions (W × H × D)	mm ± 5	500 × 1780 × 300			560 × 1910 × 360
	Packing Dimensions (W × H × D)	mm ± 5	620 × 1890 × 450			680 × 2020 × 510
	Net Weight	KG ± 0.5	38	40		58
	Gross Weight	KG ± 0.5	43	46		63
Outdoor Unit	Power Sources	V / Φ /Hz	220-240V / 1Φ / 50Hz			380-415V / 3Φ / 50Hz
	Noise Level	dB(A) ± 3	54	56	61	65
	Net Dimensions (W × H × D)	mm ± 5	775 × 590 × 270	860 × 700 × 320	885 × 870 × 300	1000 × 1000 × 350
	Packing Dimensions (W × H × D)	mm ± 5	905 × 645 × 365	1010 × 770 × 425	945 × 930 × 430	1150 × 1110 × 480
	Net Weight	KG ± 0.5	32	53	65	89
	Gross Weight	KG ± 0.5	36	59	70	101



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- Nominal cooling capacity are based on the following condition.

Cooling : 27°C DB / 19°C WB (indoor)
: 35°C DB / 24°C WB (outdoor)

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