EXPERIENCE THE
ALLIANCE
DIFFERENCE

FIVE YEAR 5 WARRANTY

Alliance
R32 Cassette
Light Commercial
INVERTER

MODEL: FOUCI**12**-R32, **18, 24, 36, 48** & **60**

- 8 models, Single-phase & Three-phase
- Heating/Cooling
- Low noise output and Energy-efficient
- Indoor airflows from 83 l/s to 566 l/s
- Eco-friendly with easy-to-use controller
- Max. pipe length to outdoor unit up to 75m

Eco Friendly R32

Eco-Friendly: Significantly reduces global warming potential by up to 75%.

Efficient: Offers up to 12% higher efficiency and uses 40% less refrigerant.

Cost-Effective: Lowers energy consumption and operational costs.

Safe: Mildly flammable but non-explosive.

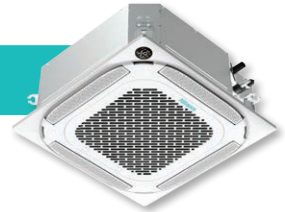
Recyclable: Easier to reuse and recycle due to its single-component nature.

Alliance

www.airconexperts.co.za |
Sales (Air-Conditioners ONLY!)- sales@airconexperts.co.za

AIRCON EXPERTS (PTY) LTD.

New Alliance R32 Cassette Light Commercial (Inverter)



With features like quiet operation and high energy efficiency, the new Alliance R32 Cassette Inverter range is beautifully designed and innovatively space-saving units, that blend perfectly into any environment. Large selection of single and three-phase cassettes that are suitable for household and business applications.

Indoor model			FOUUCI12R32	FOUCI18-R32	FOUCI24-R32	FOUCI36-1-R32	FOUCI36-1-R32	FOUCI48-1-R32	FOUCI48-1-R32	FOUCI60-R32
Outdoor mode			**FOUCI12X-R32**	**FOUCI18X-R32**	**FOUUX24-R32**	**FOUUX36-1-R32**	**FOUUX36-3-R32**	**FOUUX48-1-R32**	**FOUUX48-3-R32**	**FOUUX60-3-R32**
Cooling	Capacity	W	3520	5280	7030	10550	10550	14070	14070	15240
	Input	W	1020	1550	2320	3950	4000	4950	4980	5700
	EER	W/W	3,45	3,41	3,03	2,68	2,64	2,84	2,83	2,67
Heating	Capacity	W	3810	5570	7620	11140	11140	16120	16120	18170
	Input	W	1020	1560	1900	3000	3000	4500	4580	5700
	COP	W/W	3,74	3,57	4,01	3,71	3,71	3,58	3,52	3,19
Power supply (Indoor)		V- Ph-Hz	220~240-1-50	220~240-1-50	220~240-1-50	220~240-1-50	220~240-1-50	220~240-1-50	220~240-1-50	220~240-1-50
Power Supply (Outdoor)		V- Ph-Hz	220~240-1-50	220~240-1-50	220~240-1-50	220~240-1-50	380~415-3-50	220~240-1-50	380~415-3-50	380~415-3-50
Max. input consumption		W	1850	2950	3700	5000	5000	7300	7300	7500
Max. current		A	9	13,5	19	22,5	10	32	14	14
Indoor										
Indoor air flow (Hi/Mi/Lo)		l/s	172/144/92	183/150/83	347/311/376	472/425/361		528/486/444		556/514/458
Indoor sound pressure level		dB(A)	42/32/26	44/32/25	50/48/42	51/48/46		53/45/39		53/46/40
Indoor sound power level		dB(A)	55	59	59	64		66		66
Indoor Unit	Dimension(WxDxH)(body)	mm	570x570x245	570x570x245	830x830x205	830x830x245		830x830x287		830x830x287
	Dimension(WxDxH)(panel)	mm	620x620x50	620x620x50	950x950x55	950x950x55		950x950x55		950x950x55
	Packing(WxDxH)(body)	mm	715x640x295	715x640x295	910x910x250	910x910x290		910x910x330		910x910x330
	Packing(WxDxH)(panel)	mm	715x700x115	715x700x115	1035x1035x90	1035x1035x90		1035x1035x90		1035x1035x90
	Net/Gross weight(body)	kg	16/19	16/19	22/25	27/31		29/34		29/34
	Net/Gross weight(panel)	kg	3/4	3/4	6/9	6/9		6/9		6/9
Drainage water pipe diameter		mm	ODΦ25mm	ODΦ25mm	ODΦ25mm	ODΦ25mm		ODΦ25mm		ODΦ25mm
Room temperature	Cooling	℃	16-32	16-32	16-32	16-32		16-32		16-32
	Heating	℃	0-30	0-30	0-30	0-30		0-30		0-30
Outdoor										
Outdoor air flow		l/s	611	583	972	1111		1556		1556
Outdoor sound pressure level		dB(A)	57	58	60	63		64		65
Outdoor sound power level		dB(A)	62	65	68	70		73		75
Outdoor unit	Dimension(W*D*H)	mm	765x303x555	805X330X554	890x342x673	946x410x810		980x375x975		980x375x975
	Packing (W*D*H)	mm	887x337x610	951X370X615	995x398x740	1090x500x885		1145x500x1080		1145x500x1080
	Net/Gross weight	kg	27/29	33/35	44/47	67/72	81/85	83/97	90/105	92/107
Refrigerant type	Type	-	R32	R32	R32	R32		R32		R32
	Charged quantity	kg	0,71	1,15	1,5	2,4		2,9		3,2
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ6.35/Φ9.52(1/4"/3/8")	Φ6.35/Φ12.7(1/4"/1/2")	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ15.9(3/8"/5/8")		Φ9.52/Φ15.9(3/8"/5/8")		Φ9.52/Φ15.9(3/8"/5/8")
	Max. refrigerant pipe length	m	25	30	50	75		75		75
	Max. difference in level	m	10	20	25	30		30		30
Ambient temperature	Cooling	℃	-15~50	-15~50	-15~50	-15~50		-15~50		-15~50
	Heating	℃	-20~24	-20~24	-15~24	-15~24		-20~24		-20~24

Alliance reserves the right to discontinue or change specifications at any time without notice and without incurring obligation. E&OE.

Notes - Capacities are based on the following conditions: Cooling(T1): Indoor Temperature 27°C DB /19 °C WB, Outdoor Temperature 35 °C DB /24 °C WB; Heating: Indoor Temperature 20°C DB / 15°C WB, Outdoor Temperature 7°C DB / 6°C WB