

EXPERIENCE THE
ALLIANCE
DIFFERENCE



Alliance **R32** Under Ceiling Light Commercial **INVERTER**

MODEL: FOUUI36-R32, 48 & 60

- Heating/Cooling
- Single & 3-phase models
- Powerful output with Inverter economy and eco-friendly refrigerant.
- Indoor airflows range from 853m³/h to 2200m³/h
- Easy-to-use controllers



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.allianceafrica.co.za



New Alliance R32 Under Ceiling Light Commercial (Inverter)



The new Alliance R32 Under Ceiling are easy to install on either the floor or ceiling. Ideal for conference rooms, boardrooms, hotels, etc., with a powerful 3 speed airflow of 2200 m³/h and inverter technology to ensure energy efficiency. The low noise and maximum pipe length of up to 75 metres allow maximum flexibility in the location of the outdoor unit.

Indoor model			FOUUI24-R32	FOUUI36-R32	FOUUI36-R32	FOUUI48-R32	FOUUI48-R32	FOUUI60-R32
Outdoor mode			FOUUX24-R32	FOUUX36/1-R32	FOUUX36/3-R32	FOUUX48/1-R32	FOUUX48/3-R32	FOUUX60-R32
Cooling	Capacity	W	7030	10550	10550	14070	14070	15830
	Input	W	2300	3900	4000	5000	4800	5650
	EER	W/W	3,06	2,71	2,64	2,81	2,93	2,80
Heating	Capacity	W	7620	11720	11720	16120	16120	18170
	Input	W	2050	3350	3350	5100	5100	6050
	COP	W/W	3,72	3,50	3,50	3,16	3,16	3,00
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
Power Supply (Outdoor)		V- Ph-Hz	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	3700	5000	5000	7300	7300	7500
Max. current		A	19	22,5	10	32	14	14
Indoor								
Indoor air flow (Hi/Mi/Lo)		l/s	331/284/237	543/480/418	543/480/418	583/514/444	583/514/444	611/542/458
Indoor sound pressure level		dB(A)	51/47/43	52/48/45	52/48/45	53/49/36	53/49/36	53/42/36
Indoor sound power level		dB(A)	64	65	65	67	67	70
Indoor Unit	Dimension(WxDxH)(body)	mm	1068x675x235	1650x675x235	1650x675x235	1650x675x235	1650x675x235	1650x675x235
	Packing(WxDxH)(body)	mm	1145x755x318	1725x755x318	1725x755x318	1725x755x318	1725x755x318	1725x755x318
	Net/Gross weight(body)	kg	28/33	42/48	42/48	42/49	42/49	42/49
Drainage water pipe diameter		mm	ODΦ25mm	ODΦ25mm	ODΦ25mm	ODΦ25mm	ODΦ25mm	ODΦ25mm
Room temperature	Cooling	°C	16~32	16~32	16~32	16~32	16~32	16~32
	Heating	°C	0~30	0~30	0~30	0~30	0~30	0~30
Outdoor								
Outdoor air flow		l/s	972	1111	1111	1556	1556	1556
Outdoor sound pressure level		dB(A)	60	65	65	65	65	64
Outdoor sound power level		dB(A)	69	70	70	74	73	74
Outdoor unit	Dimension(W*D*H)	mm	890x342x673	946x410x810	946x410x810	980x375x975	980x375x975	980x375x975
	Packing (W*D*H)	mm	995x398x740	1090x500x885	1090x500x885	1145x500x1080	1145x500x1080	1145x500x1080
	Net/Gross weight	kg	42/45	67/72	76/80	83/97	90/105	92/107
Refrigerant type	Type	-	R32	R32	R32	R32	R32	R32
	Charged quantity	kg	1,4	2,4	2,4	2,9	2,9	3,2
Refrigerant piping	Liquid side/ Gas side	mm(inch)	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")	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ15.9(3/8"/5/8")
	Max. refrigerant pipe length	m	50	75	75	75	75	75
	Max. difference in level	m	25	30	30	30	30	30
Ambient temperature	Cooling	°C	-15~50	-15~50	-15~50	-15~50	-15~50	-15~50
	Heating	°C	-20~24	-20~24	-20~24	-20~24	-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