

EXPERIENCE THE
ALLIANCE
DIFFERENCE



Alliance **R32** MSP Ducted Light Commercial **INVERTER**

MODEL: FOU DI24, 36, 48 & 60

- Vertical and Horizontal Mounting
- Noise Reduction
- Built In Drain Pump
- Piping length to outdoor unit: up to 75m
- Auto Air Flow Distribution
- Group Control Function
- Static pressure increase 200pa
- UV curing protects PCB board
- WIFI -NETHome Plus



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

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 **AIRCON EXPERTS**
(PTY) LTD.

New Alliance R32 MSP Ducted Light Commercial (Inverter)



Featuring a slim design, the new R32 Alliance Ducted Inverter hideaway unit can easily be installed in areas with limited ceiling space. A piping length of 75 meters allows for maximum installation flexibility, while an indoor airflow of up to 2600m (High setting) ensures active climate control in several office rooms or homes.

Indoor model			FOUDI24-R32	FOUDI36-R32	FOUDI36-R32	FOUDI48-R32	FOUDI48-R32	FOUDI60-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	15240
	Input	W	2280	3950	3900	4700	4500	5250
	EER	W/W	3,08	2,67	2,71	2,99	3,13	2,90
Heating	Capacity	W	7620	11720	11720	16120	16120	18170
	Input	W	2000	3250	3300	4600	4600	5150
	COP	W/W	3,81	3,61	3,55	3,50	3,50	3,53
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	333/278/194	472/389/306	472/389/306	556/472/361	556/472/361	611/528/417
Indoor sound pressure level		dB(A)	34/32/31	38/36/33	39/37/34	46/44/42	46/44/42	45/43/42
Indoor sound power level		dB(A)	56	62	62	64	64	66
Indoor Unit	Dimension(WxDxH)(body)	mm	1000x750x245	1200x750x245	1200x750x245	1200x750x245	1200x750x245	1200x750x300
	Packing(WxDxH)(body)	mm	1225x860x304	1425x860x304	1425x860x304	1425x860x304	1425x860x304	1425x860x359
	Net/Gross weight(body)	kg	32/38	38/44	38/44	40/47	40/47	43/49
ESP	Rated(Set)	Pa	25	37	37	50	50	50
	Range	Pa	0-160	0-160	0-160	0-160	0-160	0-160
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					
	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

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