

# Alliance

## Inverter Underceiling R410A

CSU2-36UCIN / CSU2-60UCIN



- Powerful output with Inverter economy
- Cooling/heating
- Indoor airflow up to 2000 m<sup>3</sup>/h
- Backed nationwide by Alliance with branches in all major metropolitan areas

# Alliance Inverter Underceiling R410A

Now Alliance brings cooling/heating to large indoor areas – with the added benefit of Inverter economy! Suitable for conference rooms, hotels, halls, boardrooms as well as other industrial applications, these new Alliance Underceilings have a COP of 3.61 (CSU2-36UCIN) and 3.66 (CSU2-60UCIN). With 3 variable airspeeds, sound levels as low as 40 dB(A) and indoor airflows of up to 2000 m<sup>3</sup>/h, these units offer the ideal solution for cost-effective climate control with minimum electricity usage. Backed by Fourways Airconditioning South Africa, with branches in all major metropolitan areas.



## SPECIFICATIONS

Model Indoor Unit			CSU2-36UCIN	CSU2-60UCIN
Power supply		V-ph-Hz	220~240-1-50	220~240-1-50
Cooling	Capacity	Btu/h	36000	60000
	Input	W	3290	5410
	Current	A	15,1	9,35
	EER	W/W	3,21	3,25
Heating	Capacity	Btu/h	40000	60000
	Input	W	3250	4805
	Current	A	14,9	8,30
	COP	W/W	3,61	3,66
Indoor air flow(Hi/Med/Lo)		m3/h	1400/1200/1000	2000/1800/1600
Indoor noise level (sound pressure)(Hi/Med/Lo)		dB(A)	45/43/40	47/46/44
Indoor unit	Dimension (WxDxH)	mm	1260 x 640 x 240	1640 x 680 x 250
	Packing(WxDxH)	mm	1360 x 755 x 313	1770 x 760 x 330
	Net/Gross weight	kg	31/37	46/54
Design pressure		MPa	4.2/1.5	4.2/1.5
Drainage water pipe diameter		mm	ØDØ25	ØDØ25
Refrigerant piping	Liquid side/Gas side	mm(inch)	Φ9.52Φ15.9(3/8"/5/8")	Φ9.52Φ15.9(3/8"/5/8")
Operation temperature	Cooling	°C	≥17	≥17
	Heating	°C	≤30	≤30
MODEL OUTDOOR UNIT			CSU2-36HRNIX	CSU2-60HRNIX
Power supply		V-ph-Hz	380~420-3-50	380~420-3-50
Max. input consumption		W	4950	7500
Max. input current		A	10	12,6
Outdoor air flow (Max.)		m3/h	5500	6500
Outdoor noise level (sound pressure)		dB(A)	61	63
Outdoor unit	Dimension(WxDxH)	mm	940 x 340 x 900	950 x 370 x 1350
	Packing(WxDxH)	mm	1040 x 400 x 920	1380 x 440 x 1060
	Net/Gross weight	kg	81/92	97/108
Refrigerant type/Quantity	Type		R410A	R410A
	Charged volume	kg	2,4	3,2
Design pressure		MPa	4.2/1.5	4.2/1.5
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ19(3/8"/3/4")
	Max. pipe length	m	30	50
	Max. difference in level	m	20	25
Ambient temperature	Cooling	°C	18~43	18~43
	Heating	°C	-7~24	-7~24

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

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