



Alliance

UNDERCEILING & FLOOR STANDING (R410A)

MAC-36UC / MAC-36UC 3ph / MAC-48UC / MAC-60UC



- *Eco-friendly R410A gas*
- *Cooling / Heating*
- *Suitable for hotels, conference rooms, boardrooms etc*
- *Backed nationwide by Alliance with branches in all major metropolitan centres*

ALLIANCE UNDERCEILING & FLOOR STANDING(R410A) (Non Inverter)

With a new range of 4 different units including 3-phase models, the Alliance R410A Underceiling is ideal for large open-space areas such as conference rooms, boardrooms and hotel lobbies as well as other commercial/industrial applications. With variable airspeeds and indoor airflows up to 2300 m³/h, Alliance Underceiling units have cooling/heating capacities up to 60 000 Btu/hr while R410A gas ensures eco-friendliness. Backed by a nationwide network of Alliance branches.



SPECIFICATIONS

INDOOR UNIT			MAC-36UC	MAC-36UC 3ph	MAC-48UC	MAC-60UC
Power supply		V-ph-Hz	220-240-1-50	380-415-3-50	380-415-3-50	380-415-3-50
Cooling	Capacity	Btu/h	36000	36000	48000	60000
	Input	W	4300	3980	5400	6980
	Current	A	20.0	7.0	9.0	11.4
	EER	W/W	2.45	2.65	2.61	2.52
Heating	Capacity	Btu/h	40000	39500	51000	60000
	Input	W	4220	3700	5200	5800
	Current	A	19.5	6.5	8.8	9.6
	COP	W/W	2.78	3.13	2.87	3.03
	Qty		1	1	1	2
	Input	W	148/131/122	148/131/122	148/131/122	121/104/95
	Speed(Hi/Med/Lo)	r/min	1370/1300/1225	1370/1300/1225	1370/1300/1225	1310/1190/1080
Indoor air flow(Hi/Med/Lo)		m ³ /h	1750/1400/1250	1750/1400/1250	1750/1400/1250	2300/1800/1600
Indoor noise level (sound pressure)(Hi/Med/Lo)		dB(A)	53/48/44	53/48/44	53/48/44	55/49/46
Indoor unit	Dimension (WxDxH)	mm	1285x675x235	1285x675x235	1285x675x235	1650x675x235
	Packing (WxDxH)	mm	1360x755x313	1360x755x313	1360x755x313	1725x755x313
	Net/Gross weight	kg	29/36	29/36	31/36	39/45
Design pressure		MPa	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5
Drainage water pipe diameter		mm	ODΦ25	ODΦ25	ODΦ25	ODΦ25
Refrigerant piping	Liquid side/Gas side	mm(inch)	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ19(3/8"/3/4")
	Operation temperature	°C	17-32	17-32	17-32	17-32
	Heating	°C	0-30	0-30	0-30	0-30
MODEL OUTDOOR UNIT			MAC-36HRX	MAC-36HRX-S	MAC-48HRX	MAC-60HRX
Power supply		V-ph-Hz	220-240-1-50	380-420-3-50	380-420-3-50	380-420-3-50
Max. input consumption		W	4950	4950	6300	7500
Max. input current		A	30	10	10.9	12.6
Outdoor air flow (Max.)		m ³ /h	5500	5500	6200	6500
Outdoor noise level (sound pressure)		dB(A)	61	61	63	63
Outdoor unit	Dimension(WxDxH)	mm	990x354x966	990x354x966	900x350x1170	900x350x1170
	Packing(WxDxH)	mm	1120x435x1100	1120x435x1100	1032x443x1307	1032x443x1307
	Net/Gross weight	kg	84.5/94.5	81/92	93.2/105	97/108
Refrigerant type/Quantity	Type		R410A	R410A	R410A	R410A
	Charged volume	kg	2.6	2.4	3.25	3.2
Design pressure		MPa	4.2/1.5	4.2/1.5	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")	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ19(3/8"/3/4")
	Max. pipe length	m	30	30	50	50
	Max. difference in level	m	20	20	25	25
Ambient temperature	Cooling	°C	18-43	18-43	18-43	18-43
	Heating	°C	-7-24	-7-24	-7-24	-7-24

Alliance reserves the right to discontinue or change specifications or design at any time without notice and without incurring obligation

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