

Alliance

G-Series Inverter Ducted

MAC36HDIN-G · MAC36HDIN-G · MAC48HDIN-G · MAC60HDIN-G



- High-efficiency DC Inverter and DC motor ensures maximum energy efficiency
- With capacities from 36 000 to 60 000 Btu/h, these Alliance units are suitable for large areas
- Compact indoor size allows installation in confined areas
- Standard air inlet and outlet sizes for simple duct connection
- Multi-diffusers allow airconditioning of multiple rooms

Total Comfort

Alliance G-Series Inverter Ducted 36 000 to 60 000 Btu/h

The new G-Series Inverter Ducted units from Alliance allow highly energy-efficient airconditioning of areas such as restaurants, halls, hotels and upmarket homes. The compact size of the indoor unit ensures fitment in restricted spaces, with multiple diffusers allowing the airconditioning of adjacent rooms. Alliance quality combined with Inverter efficiency make these units the ideal cost-competitive solution for large-area climate control, both cooling and heating.



SPECIFICATIONS

INDOOR UNIT			MAC36HDIN-S-G	MAC36HDIN-G	MAC48HDIN-G	MAC60HDIN-G
Power supply	Indoor Unit	V-Ph-Hz	220~240-1-50	220~240-1-50	220~240-1-50	220~240-1-50
	Outdoor Unit	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	16120W
	Input	W	3920	3590	5430	7330
	Current		17,94	6,20	9,38	12,66
	EER	W/W	2,69	2,85	2,59	2,2
Heating	Capacity	Btu/h	38000	38000	52000	58000
	Input	W	3710	3250	4400	4670
	Current		16,98	5,61	7,6	8,06
	COP	W/W	3	3,26	3,46	3,64
Indoor Air Flow (Hi/Med/Lo)		m ³ /h	2148/1810/1648	2148/1810/1648	3150/2809/2554	3150/2735/2414
ESP	Rated	Pa	37	37	50	50
	Range	Pa	0-130	0-130	0-160	0-160
Indoor Noise Level (Hi/Med/Lo)		dB(A)	52/50/47	51/49/48	53/51/48	56/53/50
Indoor Unit	Dimensions		1100x525x270	1100x525x270	1200x625x380	1200x625x380
	Packing (WxDxH)	dB(A)	1335x555x340	1335x555x340	1485x675x450	1485x675x450
	Net/Gross weight	kg	31.2/35.8	31.2/35.8	47.3/53.9	53.6/60.1
Design Pressure		MPa	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5
Drainage Water Pipe Dia.		mm	0D_25	0D025	0D025	0D025
Refrigerant Piping	Liquid Side / Gas Side	mm	09.52/015.9(3/8"/5/8")	09.52/015.9(3/8"/5/8")	09.52/015.9(3/8"/5/8")	09.52/015.9(3/8"/5/8")
Controller		standard	Wired control	Wired control	Wired control	Wired control
Operation Temperature		°C	17~30	17~30	17~30	17~30
Room Temperature	Cooling	°C	17~32	17~32	17~32	17~32
	Heating	°C	0~30	0~30	0~30	0~30
			MAC36HRINX-S-G	MAC36HRINX-G	MAC48HRINX-G	MAC60HRINX-G
Power supply		V-Ph-Hz	220-240-1-50	380-415-3-50	380-415-3-50	380-415-3-50
Max. Input Consumption		W	4800	5000	7200	7500
Max. Input Current		A	22	14	13	15
Outdoor Noise Level (Sound Pressure)		dB(A)	64	63	63	64
Throttle Type			Capillary +EXV	Capillary +EXV	Capillary +EXV	Capillary +EXV
Outdoor Unit	Dimensions (WxDxH)	mm	990x345x965	990x345x965	938x392x1369	938x392x1369
	Packing (WxDxH)	mm	1120x435x1100	1120x435x1100	1095x495x1505	1095x495x1505
	Net/Gross weight	kg	75/84.5	81/91	102/118	107/120
Refrigerant Type/Quantity	Type		R410A	R410A	R410A	R410A
	Charged Volume	kg	2,65	2,6	3,8	4,6
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)	09.52/015.9(3/8"/5/8")	09.52/015.9(3/8"/5/8")	09.52/015.9(3/8"/5/8")	09.52/015.9(3/8"/5/8")
	Max. Pipe Length	m	65	65	65	65
	Max. Difference in Level	m	30	30	30	30
Ambient Temp.	Cooling	°C	-15-50	-15-50	-15-50	-15-50
	Heating	°C	-15-24	-15-24	-15-24	-15-24

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

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