

Alliance

G-Series Ducted Range

36 000, 48 000 & 60 000 Btu/h

- 4 models – single and 3-phase, non-inverter
- Eco-friendly R410A gas
- Heating and cooling
- Indoor airflow from 1648 m³/h to 3150 m³/h
- Backed nation wide by Aircon Experts with warehouses in all metropolitan areas

 AIRCON EXPERTS
(PTY) LTD.

Alliance 36 000, 48 00 & 60 000 Btu/h range

Providing top quality at a competitive price, these new non-Inverter Alliance G-Series ducted units are suitable for both office and home use. With variable airflows of up to 3150 m³/h, quiet operation and a maximum pipe length of 50 metres to outdoor unit (48 000 and 60 000 models), the new Alliance G-Series ducteds allow maximum flexibility of installation. Backed nation wide by Aircon Experts with warehouses in all metropolitan areas.



INDOOR UNIT			MAC36HD-S-G	MAC36HD-G	MAC48HD-G	MAC60HD-G
Power supply		V-Ph-Hz	220-240-1-50	220~240-1-50	220~240-1-50	220~240-1-50
Cooling	Capacity	Btu/h	36000	36000	49000	56000
	Input	W	4120	3880	5128	6500
	Current	A	18,90	6,80	9,00	11,20
	EER	W/W	2,56	2,72	2,8	2,53
Heating	Capacity	Btu/h	40000	40000	52000	62000
	Input	W	3340	3247	4220	5300
	Current	A	15,30	5,70	7,40	9,20
	COP	W/W	3,51	3,61	3,61	3,43
Indoor Air Flow (Hi/Med/Lo)		m ³ /h	2148/1810/1648	2148/1810/1648	2809/2554/2272	3150/2809/2554
ESP	Rated	Pa	37	37	50	50
	Range	Pa	0-160	0-160	0-200	0-200
Indoor Noise Level (Hi/Med/Lo)		dB(A)	53/50/47	53/50/47	51/49/46	52/50/48
Indoor Unit	Dimensions (WxDxH)	mm	1110x450x270	1110x450x270	1200x625x380 (with flange)	1200x625x380 (with flange)
	Packing (WxDxH)	dB(A)	1335x555x340	1335x555x340	1485x675x450	1485x675x450
	Net/Gross weight	kg	31/35.7	31.3/36	46/52.3	45.9/52.2
Design Pressure		MPa	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5
Drainage Water Pipe Diameter		mm	ODØ25	ODØ25	ODØ25	ODØ25
Refrigerant Piping	Liquid Side / Gas Side	mm	Ø9.52/Ø15.9(3/8"/3/4")	Ø9.52/Ø15.9(3/8"/3/4")	Ø9.52/Ø15.9(3/8"/3/4")	Ø9.52/Ø15.9(3/8"/3/4")
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
Return Air Size		mm	1062 x 225	1062 x 225	1145 x 330	1145 x 330
Supply Air Size		mm	1054 x 185	1054 x 185	1000 x 253	1000 x 253
OUTDOOR MODEL			MAC36HRX-S-G	MAC36HRX-G	MAC48HRX-G	MAC60HRX-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	4950	4950	6300	7500
Max. Input Current		A	30	10	10,9	12,6
Outdoor Noise Level (Sound Pressure)		dB(A)	61	61	63	63
Throttle Type			Capillary	Capillary	Capillary	Capillary
Outdoor Unit	Dimensions (WxDxH)	mm	990x345x965	990x345x965	900x350x1170	900x350x1170
	Packing (WxDxH)	mm	1120x435x1100	1120x435x1100	1032x443x1307	1032x443x1307
	Net/Gross weight	kg	87/97.2	85/95	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)	Ø9.52/Ø15.9(3/8"/3/4")	Ø9.52/Ø15.9(3/8"/3/4")	Ø9.52/Ø15.9(3/8"/3/4")	Ø9.52/Ø15.9(3/8"/3/4")
	Max. Pipe Length	m	30	30	50	50
	Max. Difference in Level	m	20	20	25	25
Ambient Temp.	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 at any time without notice and without incurring obligation. E&OE.

Alliance

Sales (Air-Conditioners ONLY!) – sales@airconexperts.co.za

Quotations (Air-Conditioners WITH Installations – Gauteng Only!) – quotes@airconexperts.co.za

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