

Alliance

R410A Ducted Inverter Range:

96 000, 150 000 &
205 000 Btu/h (High Static Pressure)



- High-capacity cooling/heating from 96 000 to 205 000 Btu/h
- High-efficiency DC Inverter compressor and DC motor ensure Inverter economy with maximum electricity savings
- Eco-friendly R410A gas
- Compact dimensions for installation in confined areas
- Standard air inlet/outlet flanges for easy duct connection
- Indoor air flow up to 9550 m³/h (205 000 model)
- Backed nation wide by Aircon Experts with warehouses in all metropolitan areas



AIRCON EXPERTS
(PTY) LTD.

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The Alliance HSP Ducted Inverter range offers high-capacity cooling/heating for large indoor areas such as conference halls, restaurants, office malls, or a number of different rooms in a hotel. A full-DC Inverter compressor plus DC motor ensures maximum electricity savings along with the eco-friendliness of R410A gas. High-volume indoor airflows of up to 9550 m³/h (205 000 model) allow larger projects to be undertaken at very competitive Alliance prices. Backed nation wide by Aircon Experts with warehouses in all metropolitan areas



SPECIFICATIONS

INDOOR UNIT			MAC96HDIN	MAC150HDIN	MAC205HDIN
Power supply		V-Ph-Hz	220~240,1,50	220~240,1,50	220~240,1,50
Cooling	Capacity	kW	26.5	45	56.0
	Input	W	8200	2700	3400
	Rated Current	A	4.5	12.5	15.5
Heating	Capacity	kW	26,5	50.0	63.0
	Input	W	8000	2700	3400
	Rated Current	A		12.5	15.5
Max. input consumption		W	850	2700	3400
Max. current		A	4.5	13.5	15.5
Indoor air flow		m ³ /h	5000/4300/3700	7472/6072/4995	9550/7950/6600
Indoor external static pressure (H)		Pa	0~200	200 (50~280)	200 (50~280)
Indoor sound level (H/M/L)		dB(A)	56/-/-	61/59/56	63/60/57
Indoor unit	Dimension (WxHxD)	mm	1470x510x795	1970x668x902.5	1970/668/902.5
	Packing (WxHxD)	mm	1555x545x875	2095x800x964	2095x800x964
	Net/Gross weight	kg	83/92	232/245	235/250
Refrigerant type			R410A	R410A	R410A
Refrigerant piping	Liquid/Gas	mm	Ø12.7/28.6	Ø12.7/28.6 x 2	Ø15.9/28.6 x 2
OUTDOOR MODEL			MAC96HDINX	MAC150HDINX	MAC205HDINX
Power supply		V-Ph-Hz	380~415,3,50	380~415,3,50	380~415,3,50
Cooling	Capacity	kW	26.5	45.0	56.0
	Power Input	kW	8.2	14.0	17.0
	EER		3.23	3.21	3.3
Heating	Capacity	kW	26.5	50.0	63.0
	Power Input	kW	8	12.8	16.0
	COP		3.31	3.91	3.94
Sound pressure level		dB(A)	66	60	62
Outdoor unit	Net dimension WxHxD	mm	948x1585x968	1250x1615x765	1390x1615x765
	Packing WxHxD	mm	1010x1705x1000	1310x1790x825	1455x1790x830
	Net/gross weight	kg	231/256	325/345	360/375
Refrigerant	Type		R410A	R410A	R410A
	Factory charge	kg	10	15	17
Design pressure (Hi/Lo)		MPa	4.4/2.6	4.4/2.6	4.4/2.6
Refrigerant piping	Liquid pipe	inch	1/2	1/2	5/8
	Gas pipe	inch	1 1/8	1 1/8	1 1/8
Ambient temp range	Cooling	°C	15~48	15 - 48	15 - 48
	Heating	°C	-15~24	-20~24	-20~24

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

Alliance

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

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

www.airconexperts.co.za



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