

Alliance

Affordable quality · Proven reliability · Since 2006



Ducted HSP Range

96 000 - 205 000 Btu/h (Non-inverter)

- High-capacity cooling/heating
- Alliance quality at a competitive price
- Eco-friendly R410A gas
- High Static Pressure
- Indoor airflow from 5100 m³/h to 10 800 m³/h
- Backed nationwide by Fourways Airconditioning South Africa



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Suitable primarily for large-scale commercial and industrial applications, the Alliance High Static Pressure range of ducted units ensures adequate airflow even through lengthy ducting. With airflow rates as high as 10 800 m³/h (6354 CFM), these Alliance ducts ensure that large areas are effectively cooled or heated. Alliance HSP Ducted units are sold through Fourways Airconditioning at 8 branches nationwide.



MODEL		MAC-96HN1	MAC-150HN1	MAC-205HN1
Type		High static pressure duct	High static pressure duct	High static pressure duct
Power supply		\	220-240V~, 1Ph, 50Hz	220-240V~, 1Ph, 50Hz
Cooling	Capacity	Btu/h	96,000	150,100
		W	28,000	44,000
	Input	W	9,600	16,300
	EER	W/W	2.92	2.70
Heating	Capacity	Btu/h	105,000	160,300
		W	31,000	47,000
	Input	W	10,300	15,700
	COP	W/W	3.01	2.99
Rated input (Whole units)		W	14,400	2,730
Rated current (Whole units)		A	23.7	12.1
Indoor air flow		m ³ /h	5,100	8,500
Indoor standard ESP (External static pressure)		Pa	196	196
Indoor noise level		dB(A)	61	63
Refrigerant type		\	R410A	R410A
Refrigerant pipe (Liquid/ Gas)		mm	Φ9.52/Φ25	Ø16/Ø32
Drain pipe size		mm	Φ41	Ø41
Dimension (W×H×D)		mm	1,443×450×846	1,988×669×906
Packing (W×H×D)		mm	1,549×476×917	2,095×800×964
Net/Gross weight		kg	105/120	208/220
MODEL (Outdoor)		MAC-96HN1X	MAC-150HN1X	MAC-205HN1X
Power supply		/	380 - 415V~, 3Ph, 50Hz	380 - 415V~, 3Ph, 50Hz
Ambient temp in cooling		°C	-17~52	-17~46
Ambient temp in heating		°C	-7~24	-7~24
Rated input (Outdoor unit)		kW	14.4	26.9
Rated current (Outdoor unit)		A	23.7	47.9
Noise level		dB(A)	68	70
Refrigerant oil		ml	2460	500 (FVC68D)
Refrigerant type/charge		/	R410a/6000	R410a/10000
Refrigerant pipe	Liquid side/ Gas side	mm	Ø9.52/Ø25.4	Ø16/Ø32
	Max. pipe length	m	50	50
	Max. difference in level	m	30	25m(O.D. up)/30m(O.D. down)
Dimension (W×H×D)		mm	1312x919x658	1250x1615x765
Packing (W×H×D)		mm	1320x1060x730	1305x1790x820
Net/ Gross weight		kg	177/192	288/308
				320/336

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

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