

# 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 m<sup>3</sup>/h to 10 800 m<sup>3</sup>/h
- Backed nation wide by Aircon Experts with warehouses in all metropolitan areas

# Ducted HSP Range

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

Suitable primarily for large-scale commercial and industrial applications, the Alliance High Static Pressure range ducted units ensures adequate airflow even through lengthy ducting. With airflow rates as high as 10 800 m<sup>3</sup>/h (6354 CFM), these Alliance ducts ensure that large areas are effectively cooled or heated. Backed nation wide by Aircon Experts with warehouses in all metropolitan areas



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	220-240V~, 1Ph, 50Hz
Cooling	Capacity	Btu/h	96,000	150,100	192,000
		W	28,000	44,000	56,300
	Input	W	9,600	16,300	22,000
	EER	W/W	2.92	2.70	2.56
Heating	Capacity	Btu/h	105,000	160,300	200,000
		W	31,000	47,000	58,600
	Input	W	10,300	15,700	19,300
	COP	W/W	3.01	2.99	3.04
Rated input (Whole units)		W	14,400	2,730	4,690
Rated current (Whole units)		A	23.7	12.1	20.9
Indoor air flow		m <sup>3</sup> /h	5,100	8,500	10,800
Indoor standard ESP (External static pressure)		Pa	196	196	196
Indoor noise level		dB(A)	61	63	65
Refrigerant type		\	R410A	R410A	R410A
Refrigerant pipe (Liquid/ Gas)		mm	Φ9.52/Φ25	Ø16/Ø32	Ø16/Ø32
Drain pipe size		mm	Φ41	Ø41	Ø41
Dimension (W×H×D)		mm	1,443×450×846	1,988×669×906	1,988×669×906
Packing (W×H×D)		mm	1,549×476×917	2,095×800×964	2,095×800×964
Net/Gross weight		kg	105/120	208/220	215/230
MODEL (Outdoor)			MAC-96HN1X	MAC-150HN1X	MAC-205HN1X
Power supply		/	380 - 415V~, 3Ph, 50Hz	380 - 415V~, 3Ph, 50Hz	380 - 415V~, 3Ph, 50Hz
Ambient temp in cooling		°C	-17~52	-17~46	-17~46
Ambient temp in heating		°C	-7~24	-7~24	-7~24
Rated input (Outdoor unit)		kW	14.4	26.9	32.2
Rated current (Outdoor unit)		A	23.7	47.9	53.8
Noise level		dB(A)	68	70	73
Refrigerant oil		ml	2460	500 (FVC68D)	500 (FVC68D)
Refrigerant type/charge		/	R410a/6000	R410a/10000	R410a/11,800
Refrigerant pipe	Liquid side/ Gas side	mm	Ø9.52/Ø25.4	Ø16/Ø32	Ø16/Ø32
	Max. pipe length	m	50	50	50
	Max. difference in level	m	30	25m(O.D. up) /30m(O.D. down)	25m(O.D. up) /30m(O.D. down)
Dimension (W×H×D)		mm	1312×919×658	1250×1615×765	1390×1615×765
Packing (W×H×D)		mm	1320×1060×730	1305×1790×820	1455×1790×830
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.

**Alliance**

Sales (Air-Conditioners ONLY!) – [sales@airconexperts.co.za](mailto:sales@airconexperts.co.za)

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

[www.airconexperts.co.za](http://www.airconexperts.co.za)



**AIRCON EXPERTS**  
(PTY) LTD.