

# Alliance

Affordable quality · Proven reliability · Since 2006



## Ducted HSP Range

MAC-76HN1 · MAC2-96HN1 · MAC-150HN1 · MAC-205HN1  
(Non-inverter)

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- High Static Pressure hideaway units
- High-capacity cooling/heating
- Indoor airflow up to 10 800 m<sup>3</sup>/h
- Alliance quality at a competitive price
- Backed nationwide by Fourways Airconditioning South Africa

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# Ducted HSP Range

- MAC-76HN1 · MAC2-96HN1 · MAC-150HN1
- MAC-205HN1 (Non-inverter)

Suitable primarily for large-scale commercial and industrial applications, Alliance's HSP Ducted range ensures adequate airflow even via lengthy ducting. With airflow as high as 10 800 m<sup>3</sup>/h, these new Alliance ducts ensure that large areas are effectively cooled/heated. Sold and supported by 9 Fourways Airconditioning branches nationwide.



MODEL (Indoor)				MAC-76HN1	MAC2-96HN1	MAC-150HN1	MAC-205HN1
SA Model No							
Type				Hi static pressure duct	Hi static pressure duct	Hi static pressure duct	Hi static pressure duct
Indoor code				22023011000821	22023011001616	22023011000815	22023011000830
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		75 100 / 64 100	96 000 / 87 860	150 100	192 000
	Capacity	kW		22.0/18.8	28.1 / 25.75	44.0	56.3
	Input	kW		7.5/8.85	9.6 / 15.00	16.3	22.0
	EER	W/W		2.93	2.93	2.70	2.56
Heating	Capacity	Btu/h		85 000	106 000	160 300	200 000
	Capacity	kW		25	31.1	47.0	58.6
	Input	kW		8.3	10.3	15.7	19.3
	COP	W/W		3.01	3.02	2.99	3.04
Indoor air flow (Hi)		m <sup>3</sup> /h		4 250 (2500 CFM)	5100 (3000 CFM)	8 500 (5 000 CFM)	10 800 (6350 CFM)
ESP	Standard	Pa		196	196	196	196
Indoor noise level (Hi)		dB(A)		58	56	63	65
Controller				Wireless control	Wired control	Wired controller	Wired controller
Indoor unit	Dimension (WxHxD)	mm		1 443 x 450 x 846	1452 x 462 x 797	1988 x 669 x 906	1988 x 669 x 906
	Net/Gross weight	kg		105/120	97/109	208/220	215/230

MODEL (Outdoor)				MAC-76HN1X	MAC2-96HN1X	MAC-150HN1X	MAC-205HN1X
SA Model No							
Outdoor code				22023016000223	22023016000771	22023016000255	22023016000267
Power supply		V-ph-Hz		380-415-3-50	380-415-3-50	380-415-3-50	380-415-3-50
Max. power input		kW		11.7	14.4	26.9	32.2
Max. current		A		19.3	23,7	47.9	53.8
Outdoor noise level		dB(A)		65	68	70	73
Refrigerant Type/Quantity	Type			R410A	R410A	R410A	R410A
	Charged volume	kg		5.4	6.0	10.0	11.8
Refrigerant piping size		Liquid side/ Gas side	mm	Φ9.52/Φ22	Φ12.7/Φ25	Φ16/Φ32	Φ16/Φ35
Ambient temperature	Cooling			17~52	17~52	17~46	17~46
	Heating			-7~24	-7~24	-7~24	-7~24
Dimension		Body (WxHxD)	mm	1 260 x 908 x 700	1312 x 919 x 658	1 250 x 1615 x 765	1390 x1615 x 765
Net/Gross weight		kg		174 / 193	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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